

Title (en)
METHODS AND APPARATUS FOR EXCHANGING DATA

Title (de)
VERFAHREN UND GERÄT ZUR DATENAUSTAUSCH

Title (fr)
PROCEDE ET APPAREIL D'ECHANGE DE DONNEES

Publication
EP 1072101 A4 20050831 (EN)

Application
EP 99917511 A 19990415

Priority

- US 9908211 W 19990415
- US 8197698 P 19980416
- US 24423799 A 19990203

Abstract (en)
[origin: WO9953622A1] The present invention is a communication unit (18) for exchanging data. More specifically, the unit (18) includes an initiator (20) and a responder (24) that exchange data with a single time base. In one embodiment, the initiator (20) generates a time base output signal that is used for determining a multiple of the rate at which data will be transferred to the responder (24). When data is received from the responder (24), the time base signal is used to over-sample the data to determine the point at which the data from the responder (24) is valid.

IPC 1-7
H04B 1/38; **H04L 7/00**

IPC 8 full level
H04L 7/00 (2006.01); **H04L 7/04** (2006.01); **H04L 7/10** (2006.01); **H04J 3/06** (2006.01)

CPC (source: EP US)
H04L 7/0008 (2013.01 - EP US); **H04L 7/10** (2013.01 - EP US); **H04L 7/044** (2013.01 - EP US)

Citation (search report)

- [X] US 4700358 A 19871013 - DUNCANSON JAY P [US], et al
- See references of WO 9953622A1

Designated contracting state (EPC)
DE FR

DOCDB simple family (publication)
WO 9953622 A1 19991021; AU 3561499 A 19991101; CA 2328256 A1 19991021; CA 2328256 C 20120619; CN 1133282 C 20031231; CN 1300472 A 20010620; DE 69936716 D1 20070913; DE 69936716 T2 20080430; EP 1072101 A1 20010131; EP 1072101 A4 20050831; EP 1072101 B1 20070801; JP 2002511694 A 20020416; JP 4356051 B2 20091104; US 6047021 A 20000404

DOCDB simple family (application)
US 9908211 W 19990415; AU 3561499 A 19990415; CA 2328256 A 19990415; CN 99805116 A 19990415; DE 69936716 T 19990415; EP 99917511 A 19990415; JP 2000544069 A 19990415; US 24423799 A 19990203